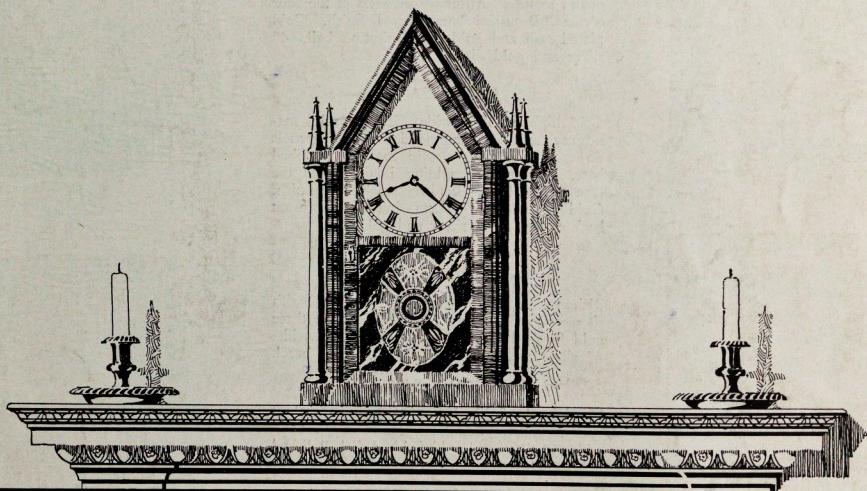


INGRAHAM

Established 1831



CLOCKS & WATCHES 1936-7

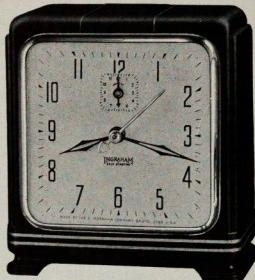
SELF-STARTING SYNCHRONOUS ALARM CLOCKS

Fitted with

ONE-TWO-THREE SINGLE-TONE CHIME ALARM

The Greatest Single Advance Ever Made in an Alarm Clock

This superior alarm instrument has the same basic self-starting timepiece unit that is described on Page 8. In addition it is fitted with an alarming mechanism that has no alarm spring, no contact points to give trouble, and no alarm that impairs the electrical timing field. Furthermore, it wakes the sleeper pleasantly, without shock, and without waking the entire household. It strikes once, then twice, and then three times, and repeats, and this progressive mixture of striking will interrupt the soundest sleep. Unquestionably this is the finest and pleasantest alarm to use that has yet been developed.



MODEL SA 7

5½" high and 4¾" wide. Black or ivory with gilt stripe inlay. 4" square dial and polished gold plated bezel.

← MODEL SA 1

6¼" high by 5½" wide. Genuine mahogany and figured walnut case. Silk lined radio通 grille in sides. Attractive pilasters in the four corners. Beautiful hand-rubbed finish. Gold plated sash and gold plated shut-off ball. 4" silver and gold dial.

MODEL SA 219 →

5¾" high by 5¾" wide. Genuine solid mahogany case with three solid mahogany panels on each side and a solid mahogany ribbed base. Mahogany moulding inlaid across the face of the clock. Hand-rubbed lacquer finish. Gold plated sash. Alarm shut-off button on back of clock. 4" silver and gold dial.

← MODEL SA 5

Rich walnut case attractively trimmed with ebony also has ebony feet. Inlaid with three gold finished metal stripes. 6" high, 5" wide. 4" silver and gold dial. Polished gold bezel.

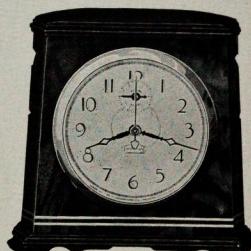
MODEL SA 6 →

Handsome finished case of genuine walnut with marquetry inlaid stripes. 6" high, 5½" wide. 4" silver and gold finished dial. Polished gold bezel.

All clocks on this page packed six (6) to a shipping carton.

Furnished in 50 and 60 cycle 100-125 volt A. C. current only.

Listed under Underwriters' Laboratories Reexamination Service.



SELF-STARTING SYNCHRONOUS TIME CLOCKS

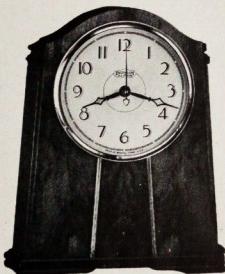


← SD321 →

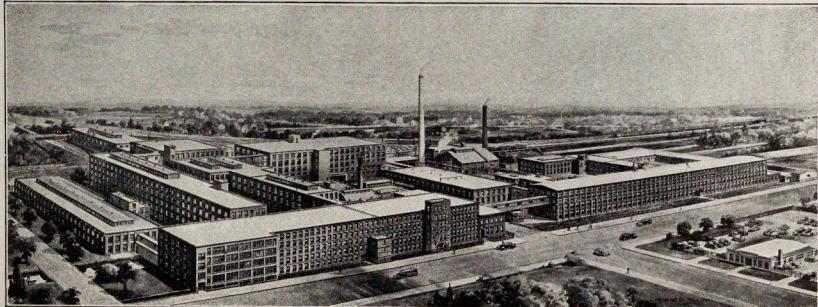
Desk, radio, or end table clock. Simple yet modern and graceful. Gold plated sash, silver and gold dial. $6\frac{1}{2}$ " high, $5\frac{1}{2}$ " wide. Case of walnut and walnut veneer. Hand-rubbed finish. Black striping in walnut base moulding.

SC323 ← →

Upright mantel clock, 9" high, $7\frac{1}{4}$ " wide. Gold plated sash. Silver and gold dial. Case of American walnut with hand-rubbed finish. Front inlaid with two walnut strips. Fluted sides topped with Gothic moulding. Case supported on black base.



All cases built in our factory also motors produced completely by ourselves in the modern, up-to-date plant pictured below. The Ingraham patent portfolio consists of sixty or more mechanical patents with further patents pending.

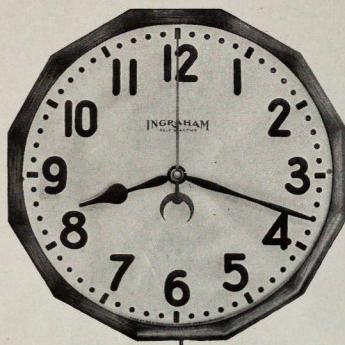


PRESENT PLANT OF THE E. INGRAHAM COMPANY AT BRISTOL, CONN.

Furnished in 50 and 60 cycle 100-125 volt A. C. current only.

Listed under Underwriters' Laboratories Reexamination Service.

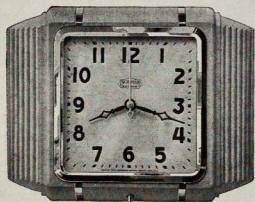
SELF-STARTING SYNCHRONOUS WALL CLOCKS



SH 159

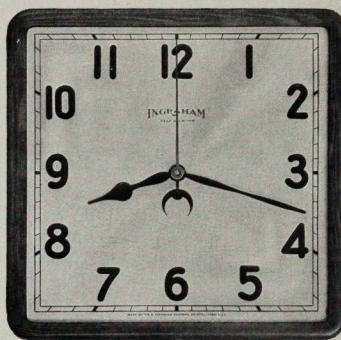
12 sided case, 13" overall. 12" round white dial.

KITCHEN MODEL



SK141

14" square case, 13" square white dial.



SH 160

14" square case, 13" square white dial.

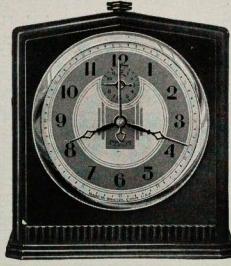
← SK141

New design wood case. Case 6½" x 8½". Front set. Colors: Ivory, Green, Black, Red. 6 of a color to case or assorted 3 Green, 3 Ivory. White dial.

Furnished in 50 and 60 cycle 100-125 volt A. C. current only.
Listed under Underwriters' Laboratories Reexamination Service.

MANUAL-STARTING SYNCHRONOUS TIME AND ALARM CLOCKS

The Ingraham Manual-Starting Synchronous Motor illustrated on Page 8 and used in all our manual-starting timepiece and alarm clocks, is built on long established clock and watch principles; with steel cut or drawn brass pinions and subdivided wheels; with the pitch and mesh of the teeth scientifically laid out for the speed of electric operation. This motor uses a patented anti-hunting device, assuring easy starting and continuance of operation through ordinary current fluctuations. It is quiet in operation and vastly superior to the many cheap synchronous motors that have been put on the market. It is scientifically designed to operate with a minimum of power consumption.



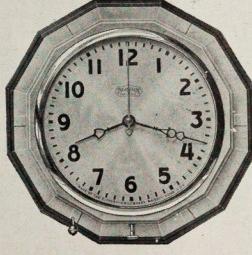
← MA1 →

Electric Alarm Clock. Height 6 $\frac{1}{4}$ ", Width 5 $\frac{1}{4}$ ". Clear tone alarm bell. Top stem shut-off. Heavy die cast case. 3 $\frac{1}{2}$ " etched metal dial. Finished in Black, Green or Brown with chromium bezel. Packed 24 of a color to a case.

MK 7 KITCHEN CLOCK →

New Design

Die cast metal case 8" in diameter. Chromium plated sash. 5" paper dial. Sweep second hand. Front start, front set. Colors: Ivory, Ivory Green trim, Ivory Red trim. 6 of a color or assorted 3 Ivory, 3 Ivory Green trim.



Furnished in 50 and 60 cycle 100-125 volt A. C. current only.
Listed under Underwriters' Laboratories Reexamination Service.

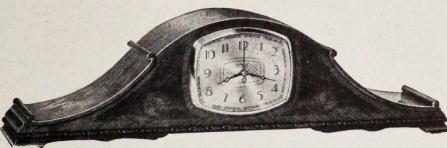
SELF-STARTING SYNCHRONOUS MOTOR STRIKE CLOCKS

The Ingraham Self-Starting Synchronous Strike Motor is made with the materials, workmanship, and precision of a watch. The principal reduction train operates in a metal housing in a bath of oil, assuring long life, continuous lubrication, and quiet operation. The unit is scientifically engineered to consume a minimum of current. The striking unit is operated from the same motor that operates the time, resulting in simplicity and economy of operation. The tone is furnished by a bell that is struck at both the hour and half-hour and is made part of the unit, assuring accurate adjustment. Furthermore, the tone of the strike may be adjusted in volume and in clarity by turning the screw marked "Strike Adjustment," which is located at the back of the clock. The clock also automatically adjusts itself to strike the hour at which the hour hand points. As may be seen from the illustrations below, the cases have all been designed by an artist and every care has been taken to make them masterpieces of wood working art. They are finished in hand-rubbed lacquer and fitted with gold plated sash and etched silver dials. All Ingraham Striking Clocks are approved under the Underwriters' "Reexamination Service."



SST 8

New Streamline Tambour. Length 21", Height 5 $\frac{1}{4}$ ", Depth 3 $\frac{1}{4}$ ". Fitted with etched silver plated dial and gold plated sash. This clock is a new and distinctive Streamline Tambour with entirely new conception of curved front and converging lines. The case is built of mahogany, the top being fiddleback, and the front matched with striped mahogany. Laid in the front are panels of burl redwood and the clock rests on a carved base supported by polished brass plates, under which are classic black feet. The entire case is finished with a light stain and carefully rubbed out in lacquer.



SST 6

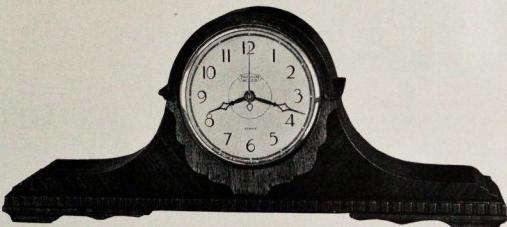
Design Patent No. 96020

Streamline Tambour. Length 20", Height 5 $\frac{5}{8}$ ". Gold plated oval sash with oval etched silver plated dial. Case made of selected figured walnut with inlaid panels of burl walnut and mounted on an attractive base with carved moulding. Fitted with felt feet. The entire case finished in hand-rubbed lacquer.



SSC 5

Height 9 $\frac{1}{4}$ ", Width 6". Gold plated sash, 4 $\frac{1}{2}$ " silver and gold dial. Silk lined radio grille in front of case. Made of selected walnut with curved front corners and trimmed with walnut mouldings. Carved walnut and moulded base. Felt feet. Finished in hand-rubbed lacquer.



SST 4

Length 16 $\frac{1}{4}$ ", Height 6 $\frac{3}{4}$ ". Gold plated sash, 4 $\frac{1}{2}$ " silver and gold dial. Mahogany veneered case with mahogany hood and side rails. Front of case inlaid with Indian rosewood veneer, which finishes a rich bay color. Carved mahogany moulding around case supported by four formed solid mahogany feet. Finished in hand-rubbed lacquer.

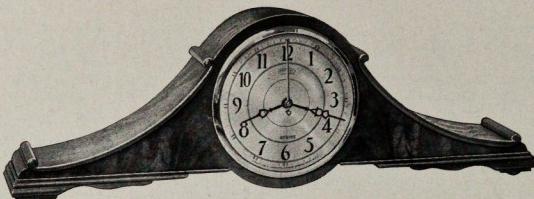
Furnished in 50 and 60 cycle 100-125 volt A. C. current only. Listed under Underwriters' Laboratories Reexamination Service.



SSC 2

Church nave design. Height 10 $\frac{1}{2}$ ", Width 7 $\frac{1}{2}$ ". Gold plated sash, 4 $\frac{1}{2}$ " silver and gold dial. Case, naves, and four columns with their caps and bases are made of selected walnut. Overlaid with walnut finished in a slightly different shade of two-toning to secure the best artistic effect. Entire case finished in lacquer and hand-rubbed.

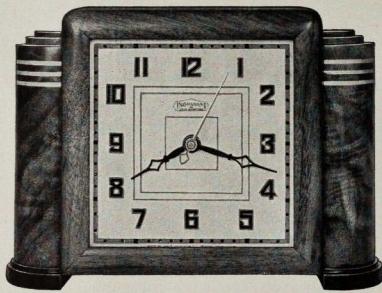
SELF-STARTING ELECTRIC STRIKING CLOCK New Streamlined Tambour



SST 7

Full Size Genuine Walnut Case — Fine Hand-Rubbed Finish — 20" Long — 6 $\frac{3}{4}$ " High — Beautiful 5 $\frac{1}{2}$ " Etched Silver Dial — Hour and Half-Hour Strike — Sweep Second Hand

LATEST DEVELOPMENT IN STRIKING CLOCKS Two Compact Models

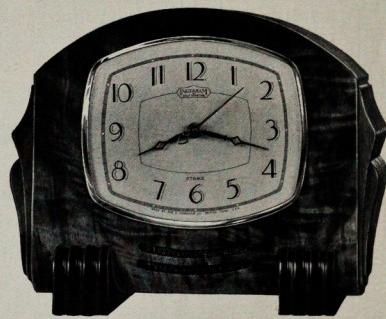


← SSD 1 →

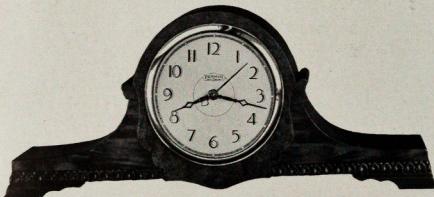
Walnut case with maple inlay. Wooden sash integral part of case. Height 6", width 8". 5" silver plated dial. Hour and half-hour strike. Packed 6 to a case.

SSD 2 →

Handsome walnut case, finely finished. Case rests on ebony black feet. Height 6", Width 8". Oval silver dial. Polished gold sash. Strikes hour and half hour on rich toned bell.
Packed six to a shipping carton.

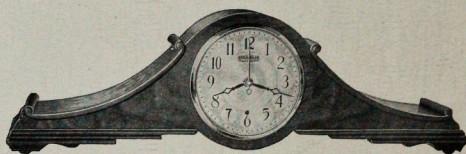


SELF-STARTING SYNCHRONOUS TIME CLOCKS Tambour Models



ST184

Genuine walnut case with overlay design of Maidou veneer on a background of highly figured walnut veneer. Height 5 $\frac{1}{2}$ ", Width 13 $\frac{1}{4}$ ", Dial 4".



ST320

Design patent No. 96020

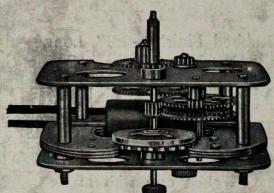
New streamline Tambour. 20" long, 5 $\frac{1}{2}$ " high. Gold plated sash. Etched silver plated dial. Case of selected American walnut, hand-rubbed finish. Matched walnut circle around dial. Flanked by burl walnut to each end. Moulded base and case. Trimming on front edge. Ends and sides solid walnut.

Furnished in 50 and 60 cycle 100-125 volt A. C. current only.
Listed under Underwriters' Laboratories Reexamination Service.

SELF AND MANUAL STARTING SYNCHRONOUS MOTOR TIME CLOCKS

MANUAL-STARTING SYNCHRONOUS MOTOR

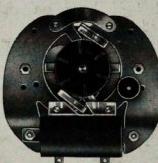
The Ingraham Manual-Starting Synchronous Motor illustrated here and used in all our manual-starting timepiece and alarm clocks, is built on long established clock and watch principles; with steel cut or drawn brass pinions and subdivided wheels; with the pitch and mesh of the teeth scientifically laid out for the speed of electric operation. This motor uses a



patented anti-hunting device, assuring easy starting and continuance of operation through ordinary current fluctuations. It is quiet in operation and vastly superior to the many cheap synchronous motors that have been put on the market. It is scientifically designed to operate with a minimum of power consumption.

SELF-STARTING SYNCHRONOUS MOTOR

This motor is the development of a long period of research and experimentation by experts in watch, clock, and electrical engineering and is unsurpassed by any clock motor produced today. Silent operation, long life, power, and continuous lubrication are insured by the design, which incorporates one independent coil, two shaded poles, a light, high-speed balanced rotor, and a reduction train running in a bath of oil in a metal housing. All the parts are built with the materials, design, and precision of a fine watch. Unquestionably this motor represents the acme of perfection



in the present art of electric clock manufacture and assures the distributor and consumer of real satisfaction. While such a finely constructed motor cannot be offered in the cheap merchandise range, our enormous production makes Ingraham clocks with this eminently superior motor available at reasonable prices. This instrument is likewise covered by numerous patent applications and is fully guaranteed by the maker against defects in material or in workmanship. The motor consumes an almost negligible amount of electricity.

A HERITAGE

INGRAHAM Electric Clocks are born with a valued heritage of more than a century of clock-making experience. Four generations have been engaged in the progress and development of timepiece craftsmanship.

These synchronous motor clocks now add the marvels of electricity to a famous family of clocks and watches long recognized for their accuracy, dependability, and attractiveness.